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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/919,908	07/31/2001	Kurt E. Spears	10013070-1	3181

7590 11/10/2003  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER
LUU, THANH X

ART UNIT	PAPER NUMBER
2878	

DATE MAILED: 11/10/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/919,008	SPEARS ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Thanh X Luu	2878	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 22 September 2003.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1, 3, 4, 9, 11, 12, 17 and 18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 12 is/are allowed.
- 6) ☒ Claim(s) 1, 9, 17 and 18 is/are rejected.
- 7) ☒ Claim(s) 3, 4 and 11 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \*    c) ☐ None of:  
    1) ☐ Certified copies of the priority documents have been received.  
    2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
    3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- |   |  |
|---|--|
| <input type="checkbox"/> Notice of References Cited (PTO-892)                             | <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____  |
| <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)         | <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | <input type="checkbox"/> Other: _____                                    |

### DETAILED ACTION

This Office Action is in response to remarks filed September 22, 2003. Claims 1, 3, 4, 9, 11, 12, 17 and 18 are currently pending.

#### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 9, 17 and 18 are rejected under 35 U.S.C. 102(b) as being anticipated by Ando (U.S. Patent 5,362,958).

Regarding claims 1 and 18, Ando discloses (see Figures 5-7) a scanner, comprising: a platen (not shown; see column 6, line 64); and an optical head (housing elements 7-10; see Figure 6) that travels substantially parallel to the platen (left/right; see Figure 6), the optical head displaced from the platen by a first distance for a first direction of travel of the optical head and by a different distance for a second direction of travel of the optical head (see Figure 5). Ando further discloses (see Figures 5 and 7) a platen (not shown); a photosensor array (10), the photosensor array being translated substantially parallel (left/right; see Figure 6) to the platen, where a first direction of translation (right) causes the photosensor array to be displaced from the platen a first distance (in order to provide focus adjustment for the curve of the book), and where a second direction of translation (left) causes the photosensor array to be displaced from the platen a different distance (for focus adjustment of a flat portion of

the book). That is, in Figures 5 and 6 when the optical head moves in a first direction (right) towards a curve of the book, a distance of the optical head is adjusted (moved vertically; see Figure 7) by a first distance for focus adjustment; and when the optical head moves in a second direction (left) the optical head is adjusted by a second distance for flat scanning. Further, since the head moves in a travel direction, the direction of travel causes displacement.

Regarding claims 9 and 17, Ando discloses (see Figures 3 and 5-7) a method of scanning, comprising: translating an optical head (see Figure 6) in a direction (left or right) substantially parallel to a platen, and adjusting a distance (see Figures 5 and 7) of the optical head relative to the platen, where the direction is dependent on a direction of translation of the optical head. Ando also discloses (see Figures 5-7) a scanner, comprising: a photosensor array (10); a platen (not shown); and means for changing a distance (221-223; see Figure 7) of the photosensor array relative to a surface of the platen, dependent on a direction of translation of the photosensor array. That is, as seen in Figures 5 and 7, the optical head a distance is adjusted (moved vertically) in order to provide focus adjustment on the curved surface of the book, and thus is dependent on the direction of translation of the optical head.

***Allowable Subject Matter***

3. Claims 3, 4 and 11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
4. Claim 12 is allowed over the prior art of record.

***Response to Arguments***

5. Applicant's arguments filed September 22, 2003 have been fully considered but they are not persuasive.

Regarding the rejection of claims 1, 9, 17 and 18 over Ando, Applicant asserts that Ando does not disclose the optical head traveling substantially parallel to the platen. Examiner disagrees. Figure 6 of Ando clearly shows (see arrow) a travel direction being substantially parallel to the platen. Further, any travel in a direction inherently causes displacement.

Thus, as set forth above, this rejection is proper.

***Conclusion***

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh X. Luu whose telephone number is (703) 305-0539. The examiner can normally be reached on Monday-Friday from 6:30 AM - 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Porta, can be reached on (703) 308-4852. The fax phone number for the organization where the application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

txl  
November 4, 2003

  
Thanh X. Luu  
Patent Examiner